

What is claimed is:

1. A method of testing a patient's vision comprising the steps of:
displaying a vision test on a display device, wherein the vision test is stored on a central processing unit and the display device is operatively associated with the central processing unit;
having a patient input a response from at least two choices into a controller in response to the display on the display device, wherein the controller is operatively associated with the central processing unit; and
storing patient actuated responses to the vision test.
2. The method of claim 1, further comprising the step of running a vision test protocol stored on the central processing unit.
3. The method of claim 2, further comprising the step of changing the display of the vision test in response to the patient input according to the vision test protocol.
4. The method of claim 3, further comprising the step of repeating the steps of having a patient input a response, and changing the display of the vision test according to the vision test protocol.
5. The method of claim 4, wherein the vision test protocol in the running step includes each step in a visual testing program in accordance with standards of the ophthalmologic community.
6. The method of claim 1, further comprising the step of determining whether the patient actuated response is correct.
7. The method of claim 6, wherein the step of determining whether the response is correct is performed automatically by the vision test protocol.

8. The method of claim 1, further comprising the step of automatically changing the display of the vision test in response to the patient input.
9. The method of claim 8, wherein the step of automatically changing the display further comprises changing the location of a pointer in relation to an optotype.
10. The method of claim 8, wherein the step of automatically changing the display further comprises changing the contrast of the display.
11. The method of claim 1, comprising the further step of displaying vision test results.
12. The method of claim 11, wherein the step of displaying vision test results further comprises the step of displaying a pass/fail rating for the patient based upon predetermined acuity levels.
13. The method of claim 1, wherein the step of displaying vision test results further comprises the step of displaying a visual acuity level.
14. The method of claim 1, wherein the step of displaying vision test results further comprises the step of displaying one of a visual contrast and depth perception level.
15. A method of testing a patient's vision comprising the steps of:
 - displaying on a display device one of plural vision tests stored on central processing unit operatively associated with the display device;
 - running a vision test protocol corresponding to the vision test displayed on the display device;
 - receiving a response into a controller in response to the display displayed on the display device, wherein the controller is operatively associated with central processing unit;
 - and
 - changing the display of the vision test according to the vision test protocol.

16. The method of claim 15, further comprising the steps of
developing the vision test protocol for the vision test; and
loading the vision test protocol onto the central processing unit.
17. The method of claim 16, wherein the step of developing the vision test protocol step
further comprises the step of developing the vision test protocol in accordance with
standards of the ophthalmologic community.
18. The method of claim 15, further comprising repeating the step of having a patient
input a response and the step of changing the display of the vision test in response to the
patient input according to the vision screening test protocol.
19. The method of claim 15, wherein the step of changing the display further comprises
the step of changing the location of a pointer in relation to an optotype.
20. The method of claim 15, wherein the step of changing the display further comprises
the step of changing the contrast of the display.
21. The method of claim 15, wherein the step of receiving a response further comprises
having a patient input a response into the controller.
22. The method of claim 15, wherein the step of receiving a response further comprises
having a clinician input a response into the controller in response to one of verbal and non-
verbal indications by a patient.
23. An apparatus for testing a patient's vision comprising:
a display device for displaying a vision test;
a central processing unit operatively communicating with said display device, said
central processing unit including the vision test and a corresponding protocol for the vision
test; and
a controller operatively communicating with said display device.

24. The system of claim 24, wherein the corresponding protocol includes each step of the vision test.
25. The system of claim 24, further comprising means for automatically changing the vision test displayed on said display device according to a response received from said controller.
26. The system of claim 24, wherein the vision test includes a display of optotypes on said display device.
27. The system of claim 26, wherein the protocol changes the display of optotypes in response to input received by said controller.
28. The system of claim 24, further comprising means for storing input received from said controller.
29. The system of claim 28, wherein the protocol determines a patient's pass/fail rating from input stored in said storing means using standards developed by the ophthalmologic community.
30. The system of claim 28, wherein the protocol determines a patient's visual acuity from input stored in said storing means using standards developed by the ophthalmologic community.
31. The system of claim 28, wherein the protocol determines at least one of a patient's low contrast and depth perception from input stored in said storing means using standards developed by the ophthalmologic community.
32. A vision test protocol for use with a vision test apparatus wherein the apparatus includes a display device, a central processing unit operatively communicating with the

display device, and a controller operatively communicating with the display device, wherein the central processing unit stores more than one type of vision test, the vision test protocol comprising means for automatically changing at least a portion of a vision test displayed on the display device in response to input received by the controller.

33. The apparatus of claim 33, further comprising means for recording input received by the controller.

34. The apparatus of claim 33, further comprising means for providing test results from the input stored in said input recording means.

35. The apparatus of claim 34, further comprising a program that contains each step of a vision test in accordance with standards developed by the ophthalmologic community.